
Subject: Re: Poscript Component Selection

Posted by [Mark Hadfield](#) on Tue, 13 Sep 2005 00:34:50 GMT

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David Fanning wrote:

> IDLmastertobe writes:

>> partial code:

```
>>  sState.oVols[sState.iVrendVol]->SetProperty, $  
>>    HIDE=1-vol_rend  
>>  demo_draw, sState.oWindow, sState.oView, debug=sState.debug  
>>  sState.oVols[sState.iVrendVol]->SetProperty,HIDE=1  
>>  olmage = sState.oWindow->Read()  
>>  olmage->GetProperty,DATA=data  
>>  OBJ_DESTROY,olmage  
>
```

> By the way, do you think we could have a peek at that
> DEMO_DRAW module? That's probably where you are going
> to have to solve this problem, although I have doubts
> that it *can* be solved, given the names of some of the
> variables in this code.

The above looks suspiciously like an excerpt from

```
<IDL_DIR>\examples\demo\demosrc\d_vectrack.pro
```

line 439-445 (in version 6.2). The original poster appears to be trying to adapt some IDL demo code for his own purposes. Now this *sounds* like a sensible thing to do but (as many of the newsgroup regulars can attest) the code distributed with IDL is a whole Pandora's box of worms.

I imagine that if I spent 15 minutes or so I could fight my way into the code, find the view object and draw it to a PS file in vector form. The results, in terms of code, wouldn't be pretty. The results, in terms of Postscript, may not be very pretty either, as the scene displayed by d_vectrack is a 3D one using effects like shading that will not be reproduced properly.

So, IDL mastertobe, before your or any of the rest of us put the effort in, perhaps you could tell us more about what you're really trying to do. Is this a learning exercise (in which case you might find a totally different approach more fruitful)? Are you are trying to plot the thunderstorm visualization displayed by d_vectrack, or have you changed that too? Do you want a quick and dirty solution or something more general and adaptable?

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